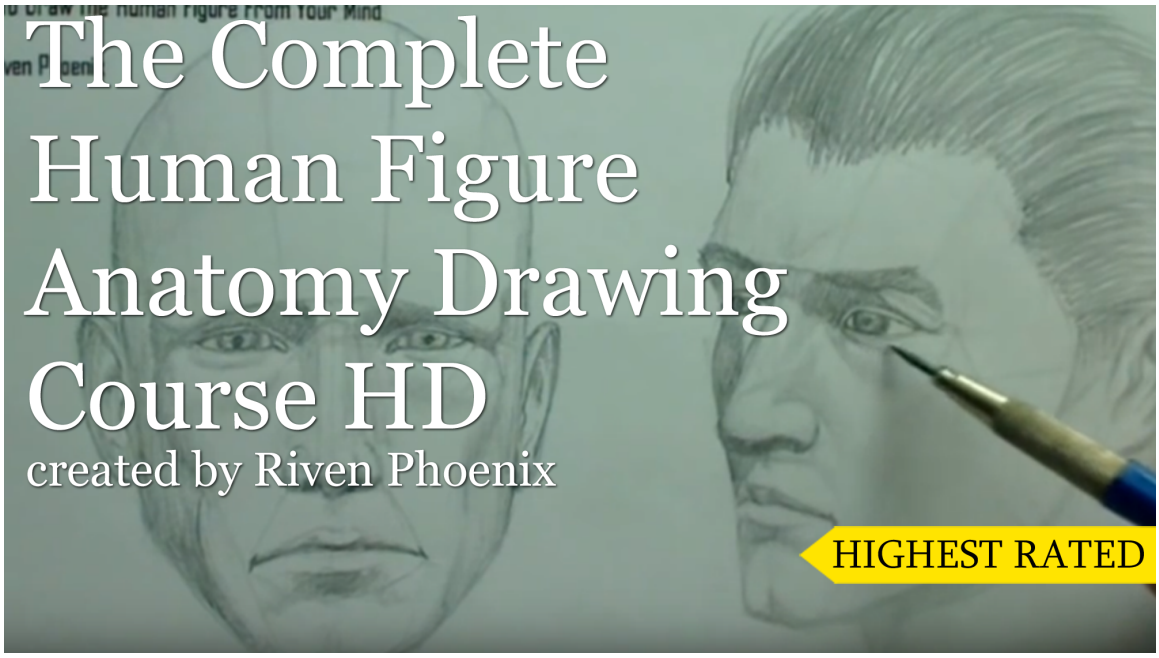

The Structure of Man

Learn to Draw the Human Figure From Your Mind with Riven Phoenix

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Figure Drawing Lesson 034 - The Invention of The Spine - Part 4

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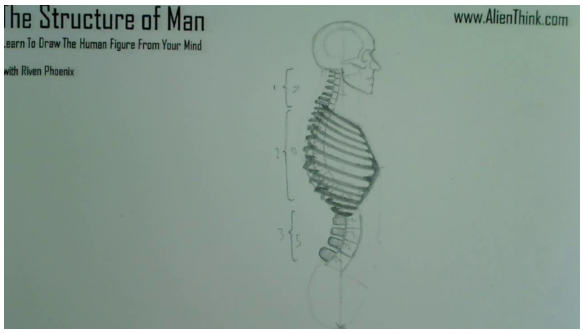
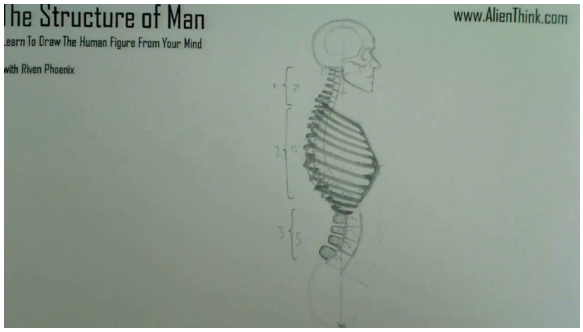
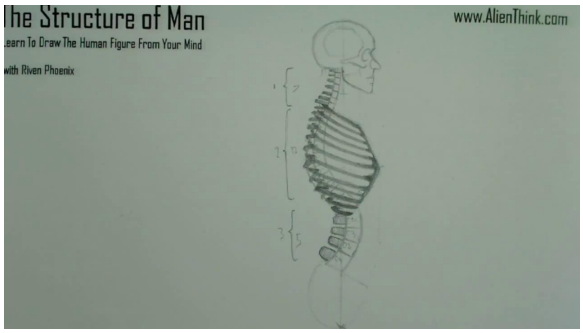
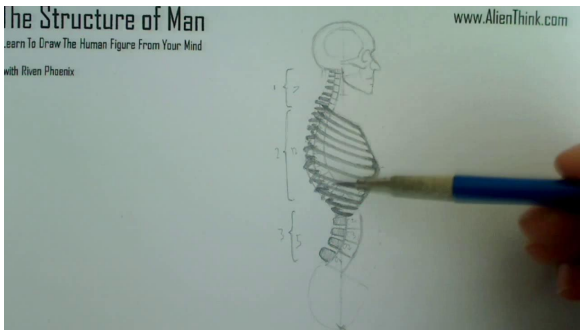
1		Hey guys, my name is Riven Phoenix, and welcome to the structure of man who is going to draw
2		a human figure from your mind trading course.
3		Okay, so we're making, you can see here in the mind for it to be able to draw for memory,
4		we're making very significant progress, very rapid progress, and that is the beauty of

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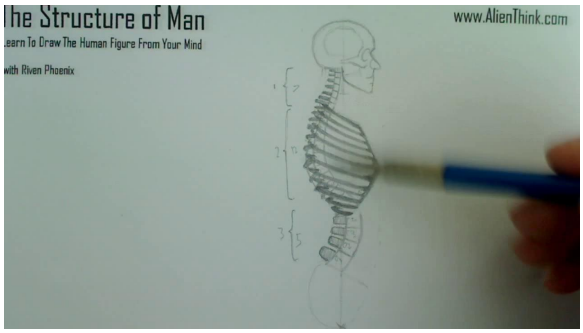
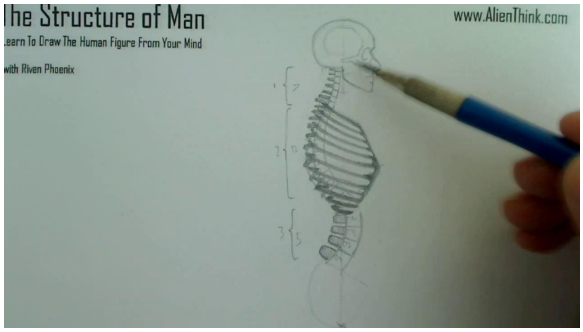
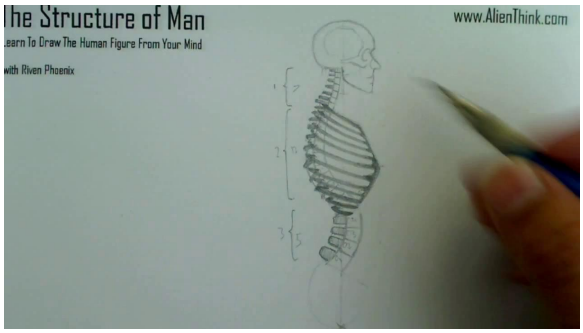
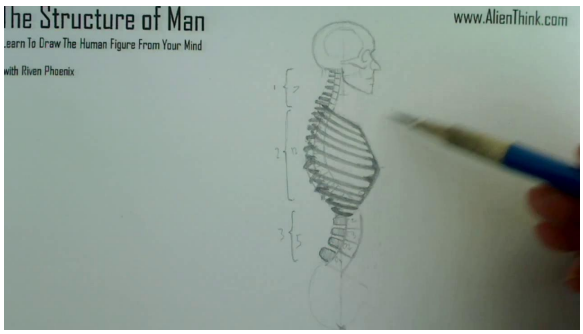
5		artistic thinking and cognitive process of thinking as to how we're allowing the mind,
6		we're forcing the mind to see things and we're forcing this idea of this story of the
7		structure of man being created as to how it understands the design of the figure based
8		on formulas and then to do a wave of the formulas, and then we were able to just pretty much

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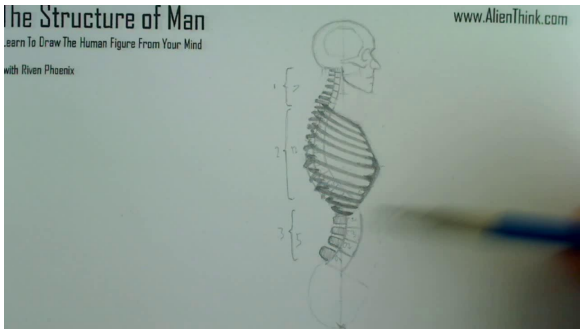
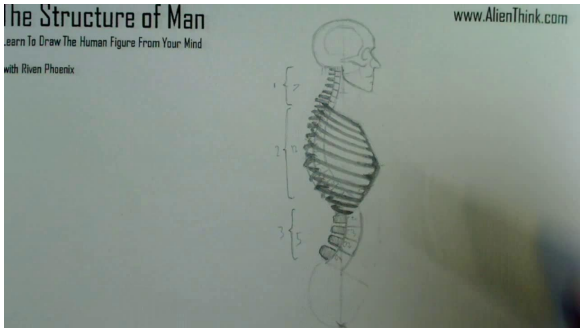
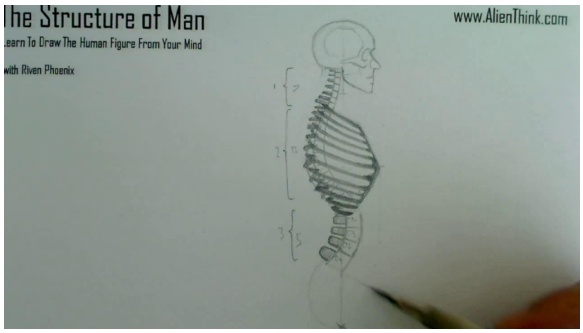
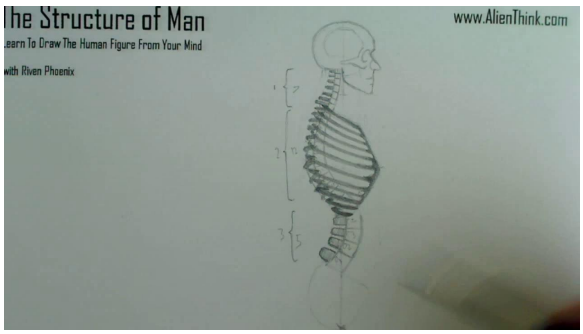
9		do this by freehand.
10		So now what we want to do is we want to take a look at this area over here.
11		So we know that the pelvis bone is going to be coming here, but for the pelvis bone,
12		we're going to decide that what we need to do is actually create another piece of bone

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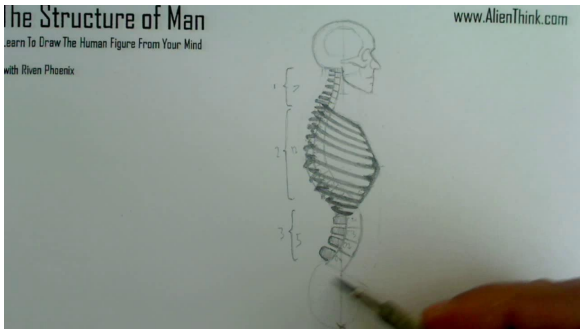
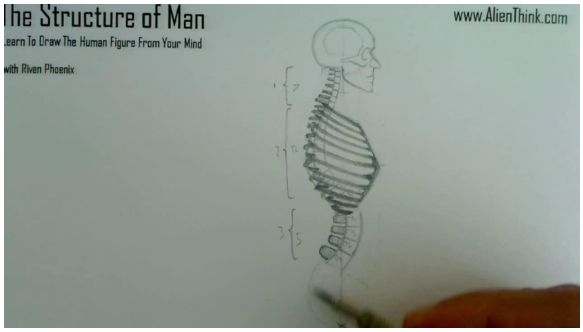
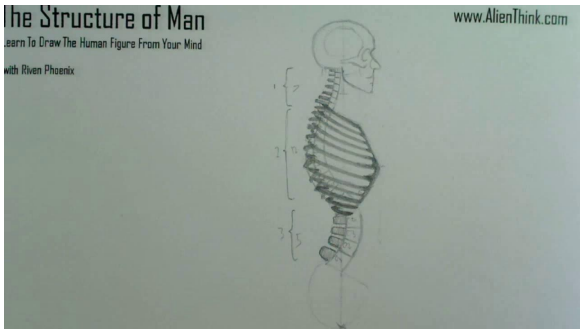
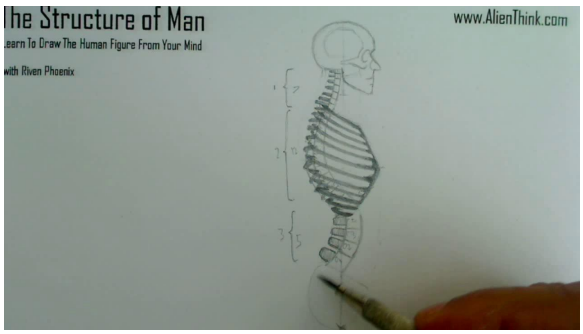
13		over here that looks kind of like a tooth.
14		It needs to sit here so we can attach the pelvis to it, and this bone is going to be known
15		to us as the sacra.
16		So basically, we're just going to come back to this drawing and put the sacra here and

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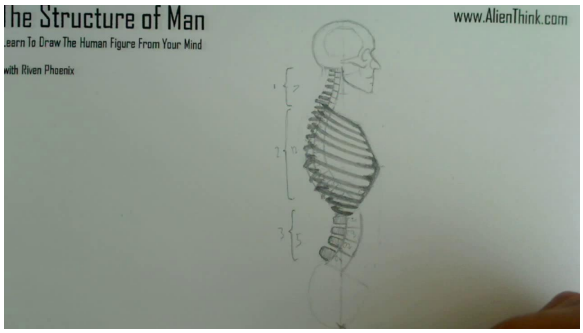
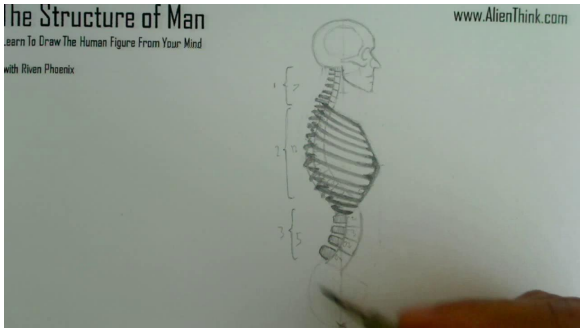
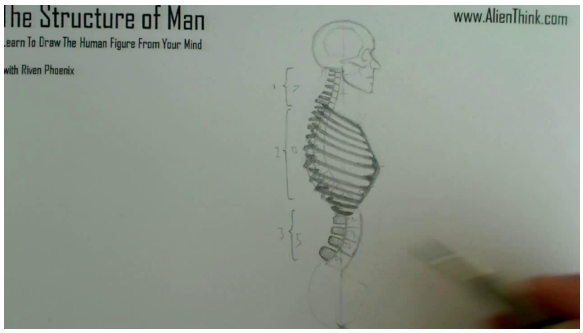
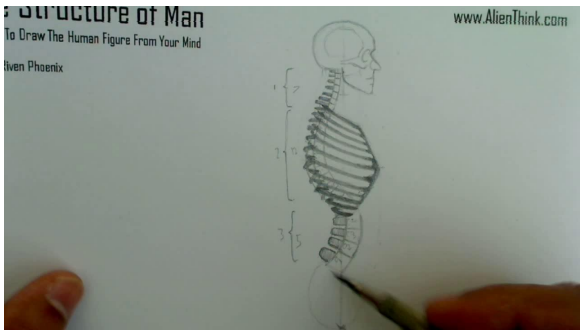
17		we'll understand as to how should we do it.
18		But what before doing that, what we need to do is look at the understandings of this
19		in kind of like a 3D form.
20		So this bone is going to be very simple to understand, but we just need to look at it

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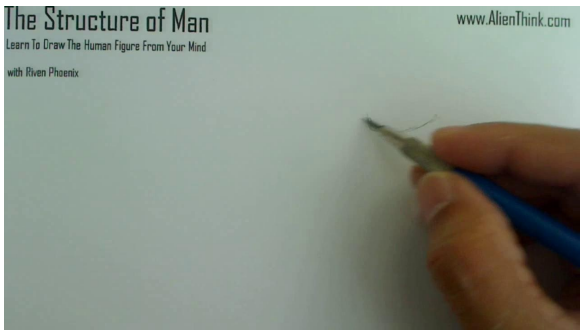
21		in different ways.
22		So him just going to start out with a, let's say a 3D drawing of the sacrum.
23		So if I had to sketch this out here, I would just draw out like this bone over here.
24		So him just going to do more of a realistic understanding of the sacrum.

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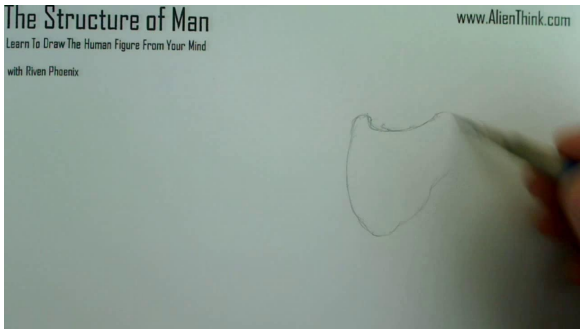
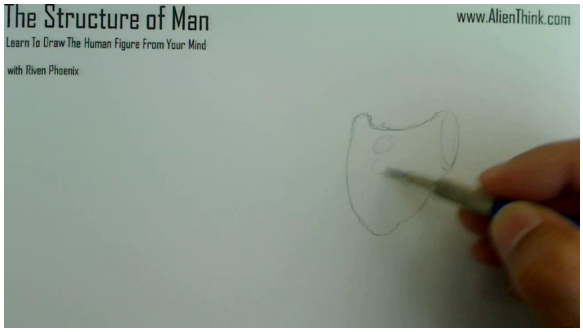
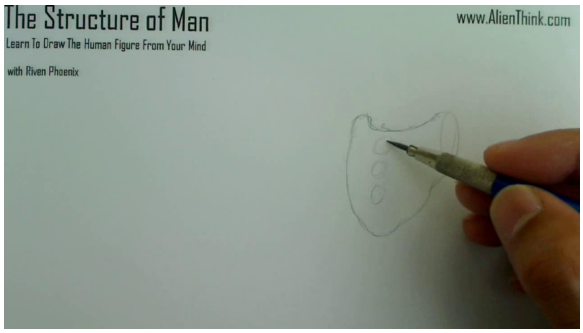
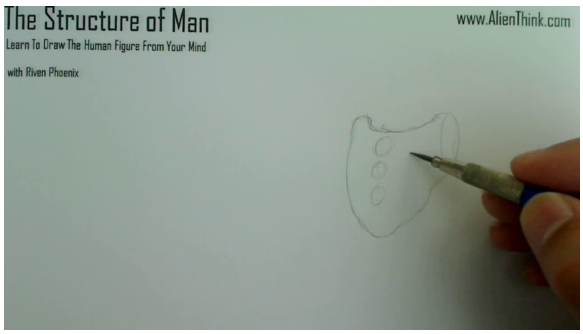
25		So basically this, you're going to get the sacrum to look like this and you'll get like
26		about three bumps over here.
27		So these are like these bone structures on top of the sacrum.
28		Then you'll get about one, two, three, four, and on the other side, one, two, three,

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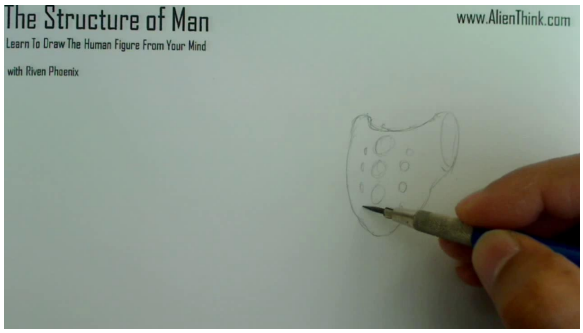
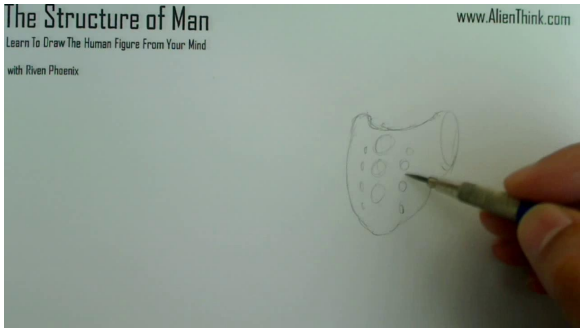
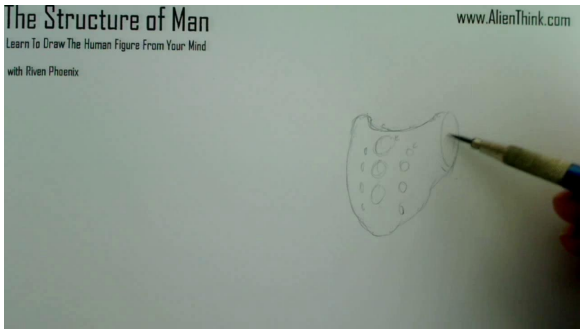
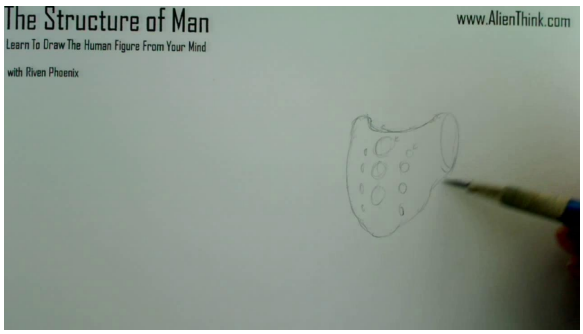
29		four.
30		And the thing is that we really don't care much about this and we don't care much about
31		this.
32		We really only want to understand the basic concept of this.

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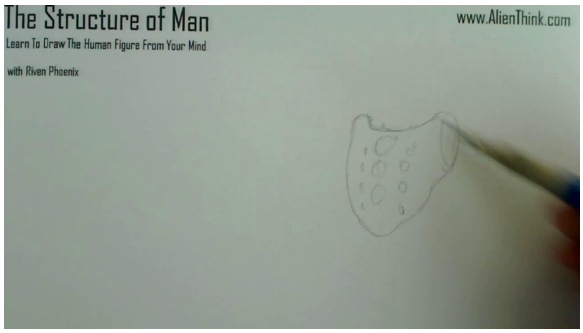
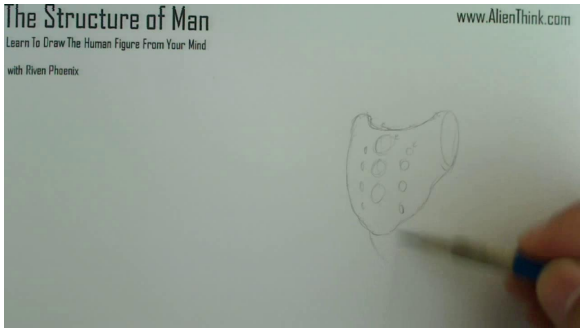
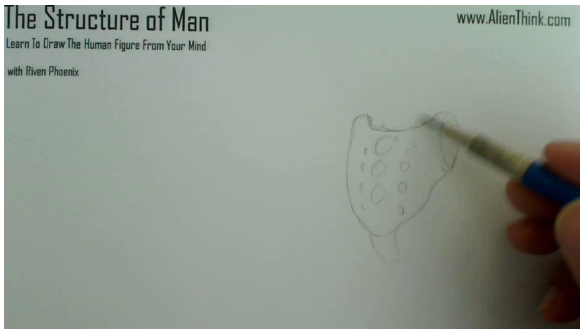
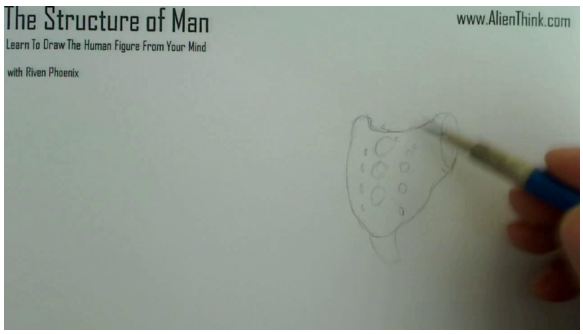
33		We don't even have to understand this even in this more organic form because it's going
34		to be covered up again by all the muscles, right?
35		So your buttocks muscles would be here.
36		So give you a better understanding of this here, I'm just going to draw out the pelvis.

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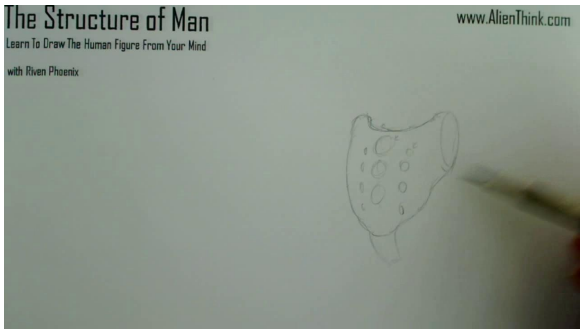
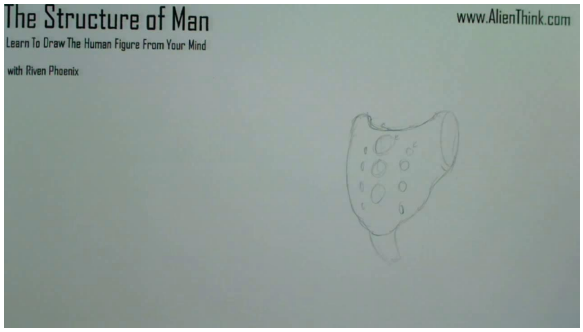
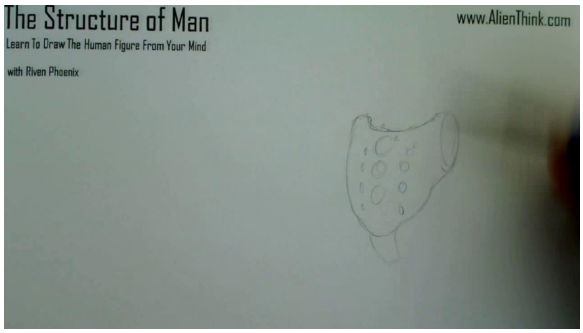
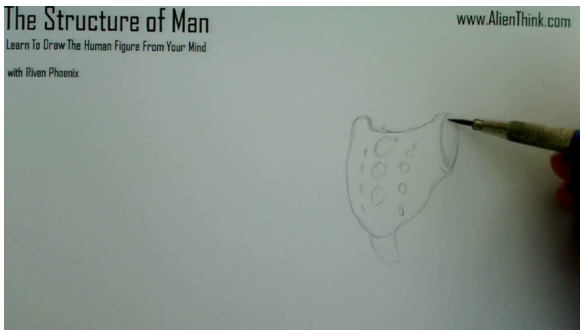
37		Now you can draw it out if you want to but we'll get a much more deeper understanding of
38		that design.
39		So basically what happens is that the pelvis is going to be attached to these circular
40		saw hits over here.

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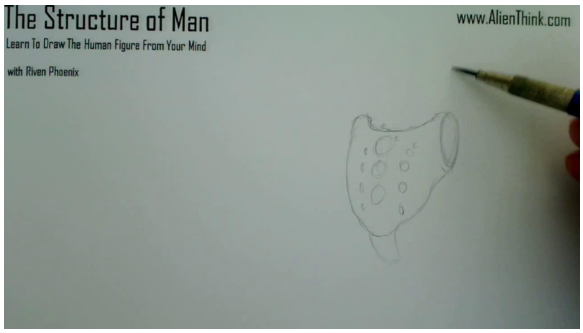
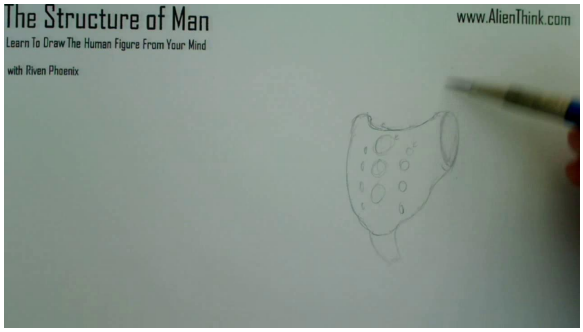
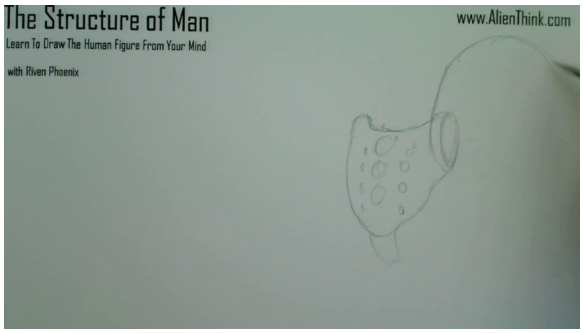
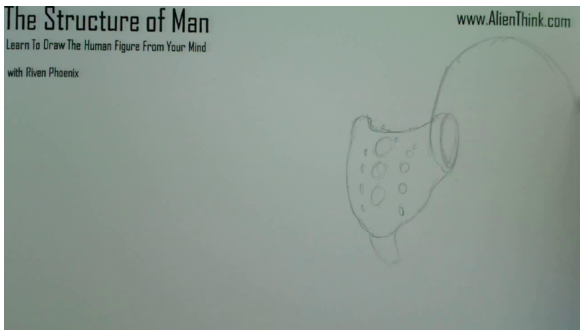
41		So so let's see here.
42		So if I had to like draw out the pelvis, I would draw it out going in this way over
43		here.
44		It would go like this, right?

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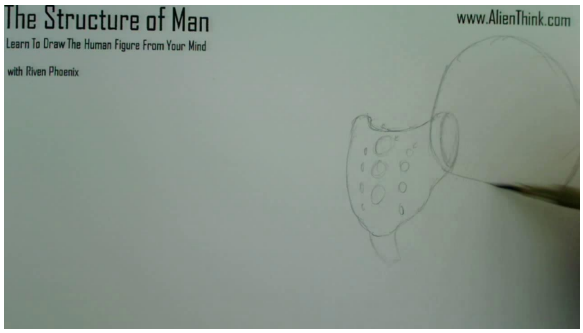
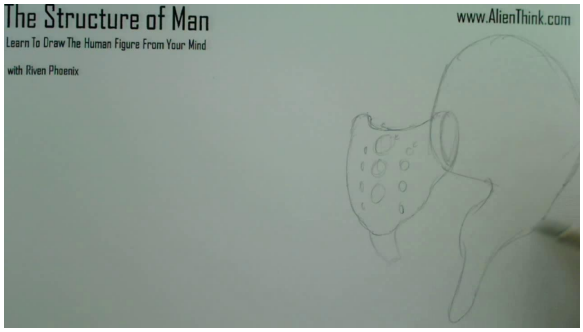
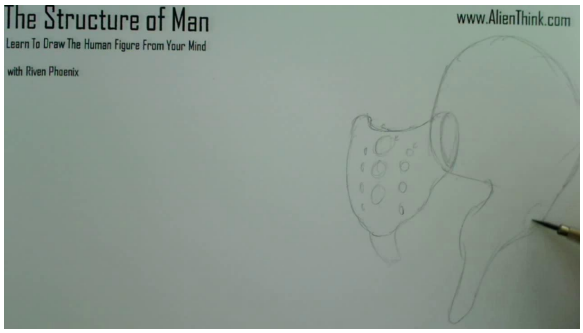
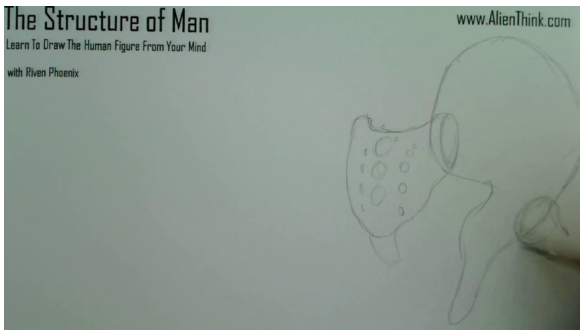
45		And then it would turn like over here and then you get like this very steep view of the
46		bone structure.
47		So basically your socket would be around here and your ball joint for your leg bone would
48		be here.

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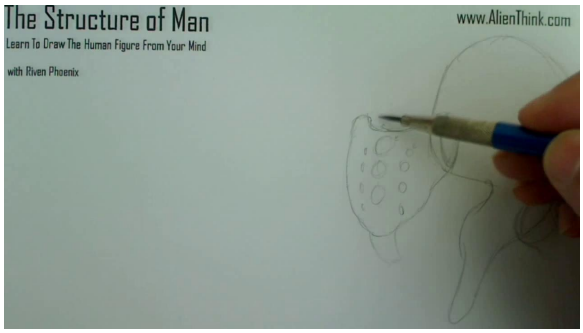
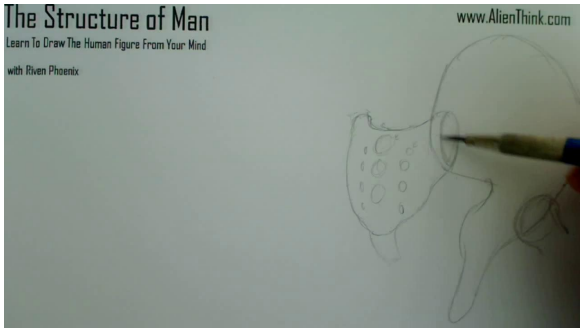
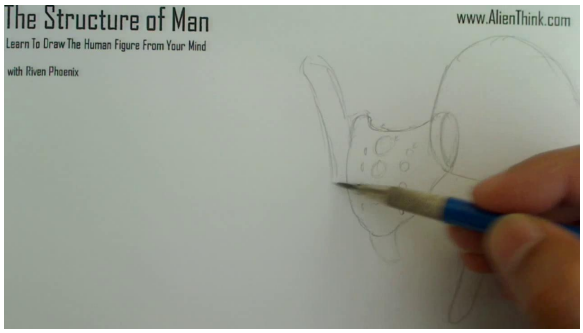
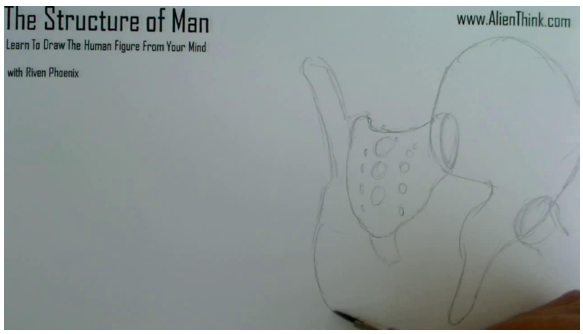
49		And so from this end, we'll get a better understanding of this.
50		So basically if this is here, the other fill of this bone would be just about here going
51		in this way and then you'll get the same socket area here for the bone and then it will
52		come back going in this direction.

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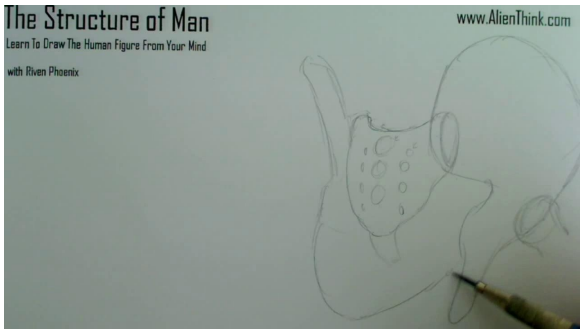
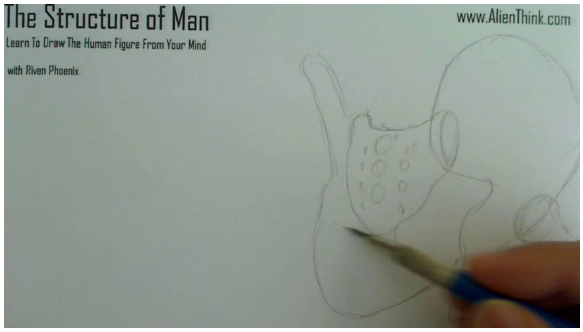
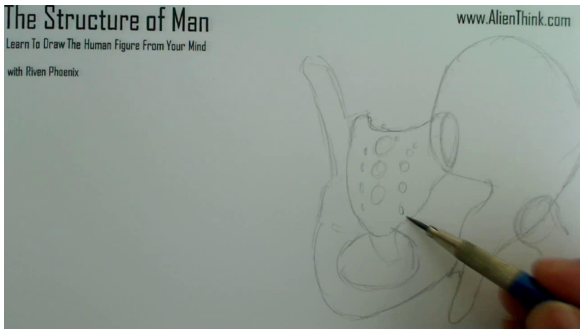
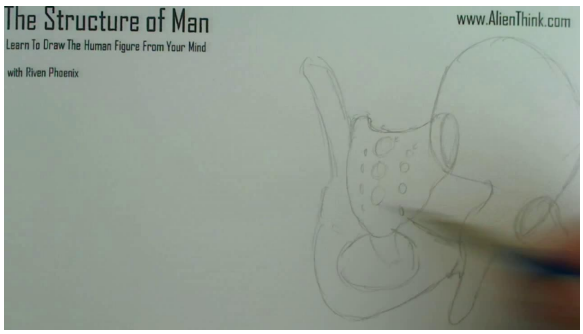
53		Now again, you don't have to do this part of the drawing.
54		You have just visually, we just need to get the mind to begin to understand the concept
55		of the sacrament and how it relates to the area of the pelvis, right?
56		So if this bone is here, the other bone is obviously going to be here for your leg.

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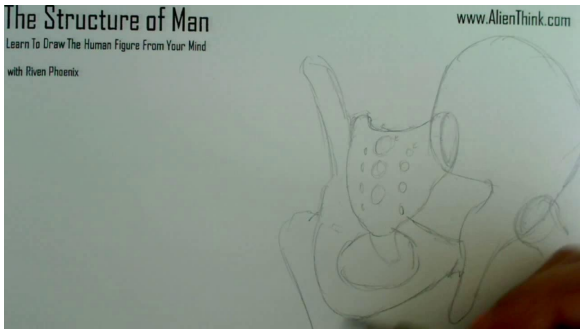
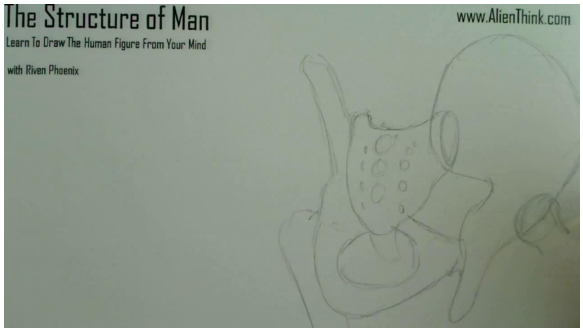
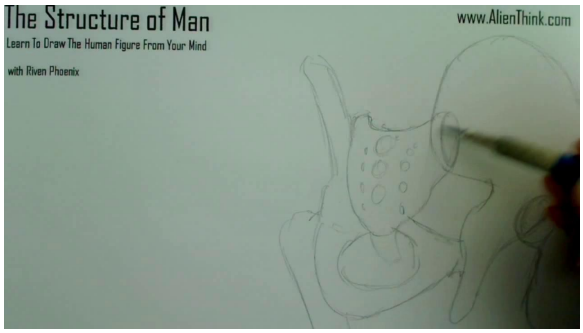
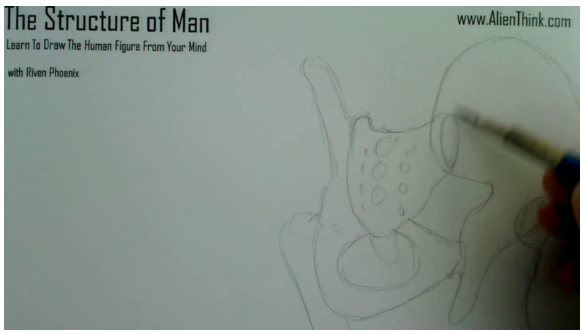
57		So basically it's just going to go down this way.
58		So and you the other one would just look like this over here, it will just go down, right?
59		So this gives you a basic concept of the sacrament.
60		The thing is that this thing here, it's really just hidden inside here because it's

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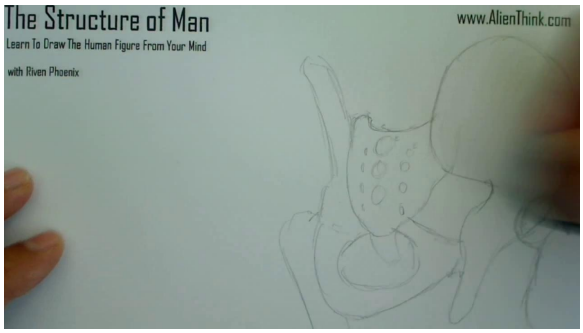
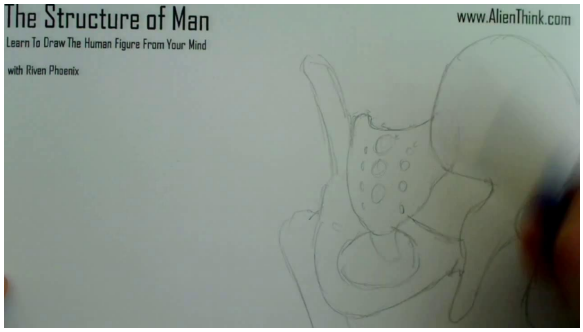
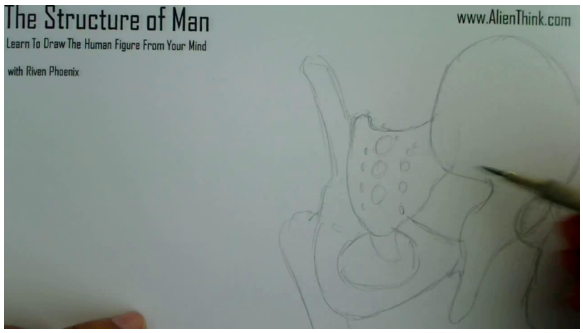
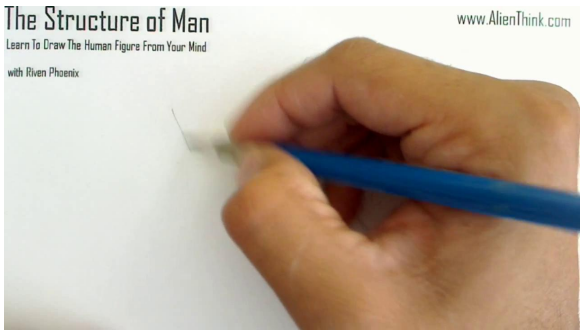
61		a join to that, right?
62		So now to understand it even in its more basic sense, you could look at it this way.
63		Let's say if we want to now look at this from the side, we can say that, okay, well, what
64		this is going to look from the side is going to be just like this and then it's going

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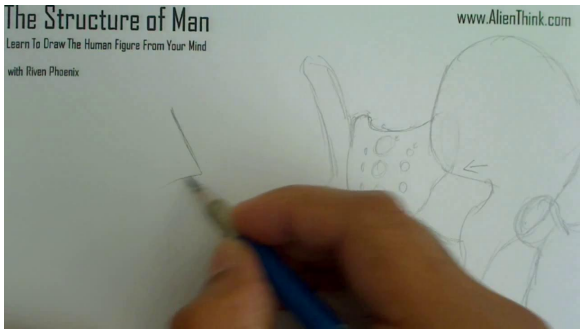
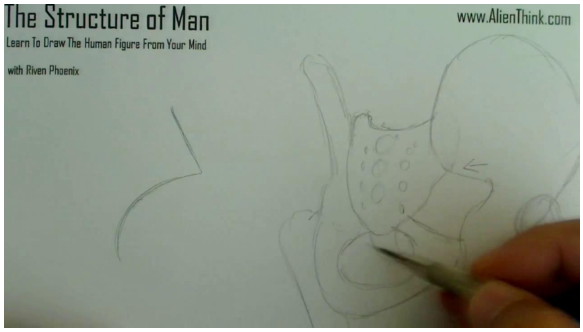
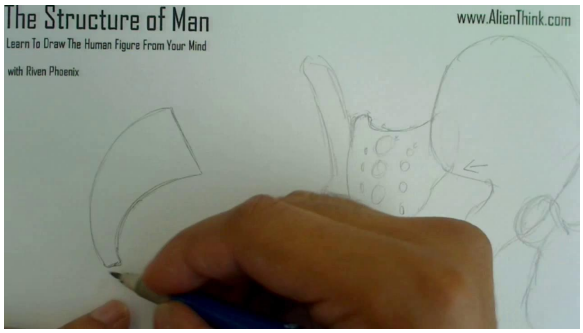
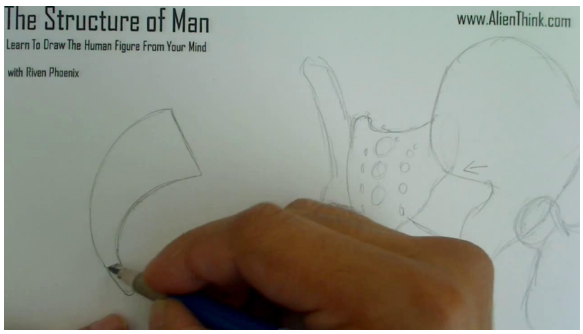
65		to go in this direction like a curve, right?
66		It's a curve and it goes like this and basically looks like a nail, like a dinosaur nail.
67		And then from here, you're going to get this small area here, this thing that I drew out,
68		like it's another piece of bone that you can even feel on the back very, this is the tail

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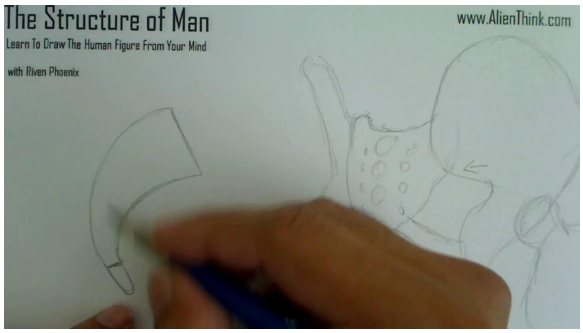
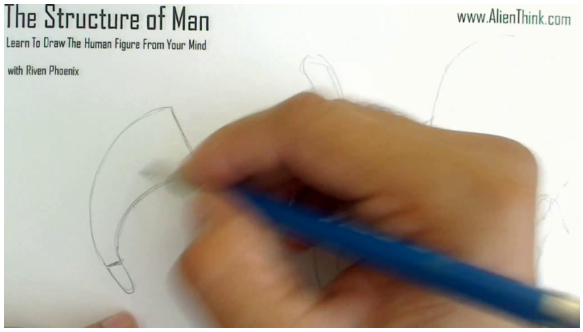
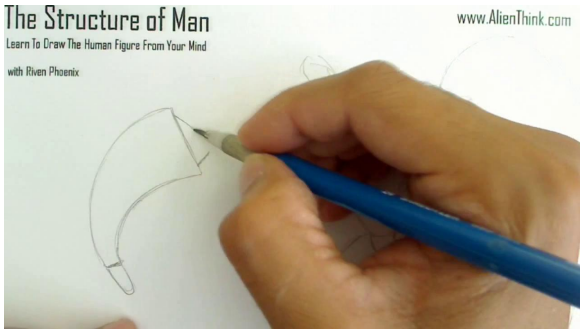
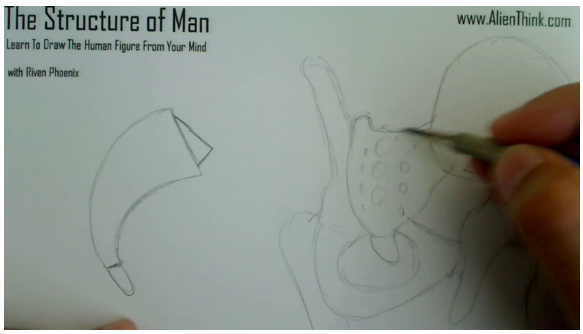
69		bone over here.
70		So one thing here that we'll just keep in mind is that the way this is over here, it's
71		going to have another piece of bone that's attached to it, which we didn't draw on the
72		other side, right?

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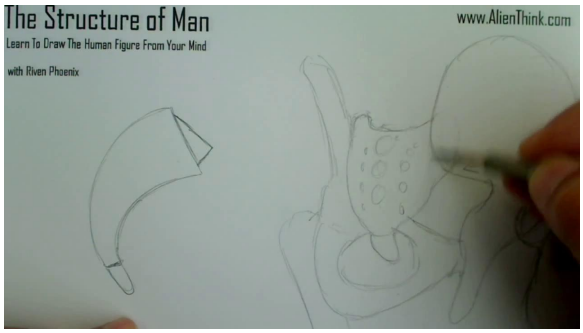
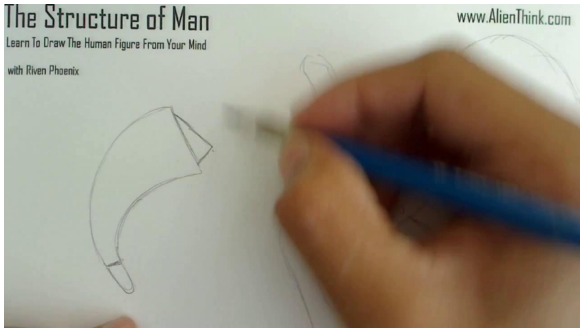
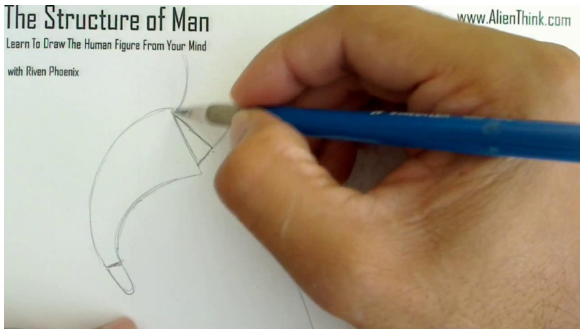
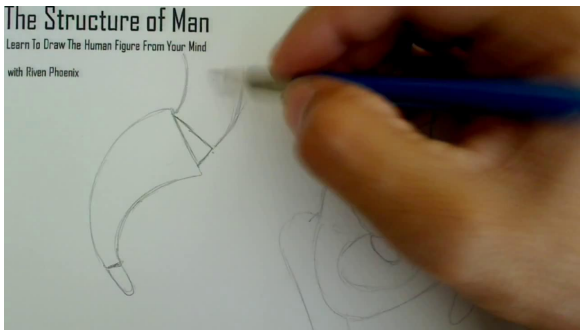
73		So it would be like another circular bone that's on the other side, but it's on this angle.
74		And this angle is what will allow it to connect to the spine, right?
75		So this is the spine that we were looking at over here, over here, this is the bottom
76		area and we have divided this, right?

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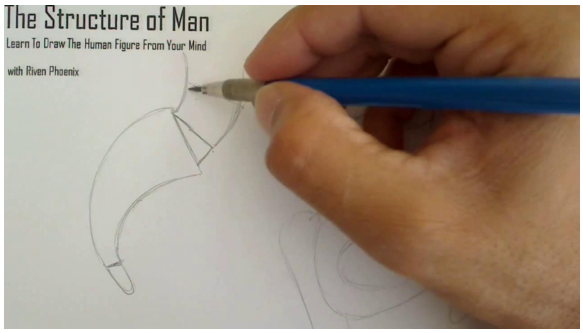
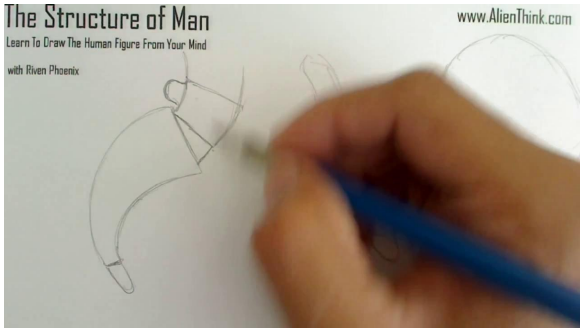
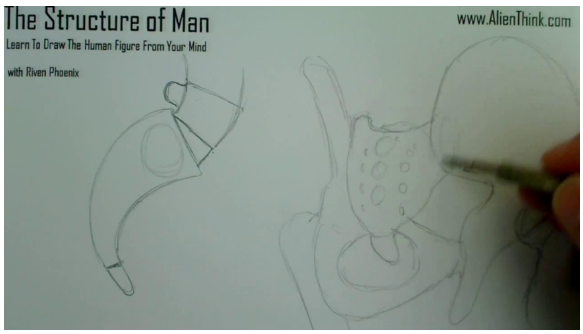
77		So then you would get this bump in here that we had talked about in the spine, right?
78		So this is how it would be connecting.
79		And this again, you're going to get that area here that's going to connect.
80		Now notice that it's a small area, we don't have to worry about it, we just know that

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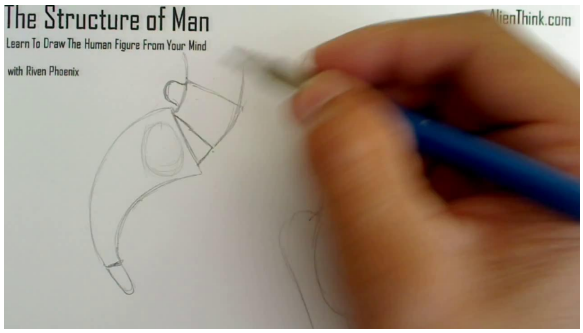
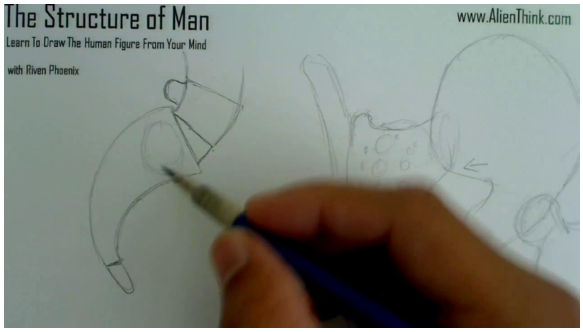
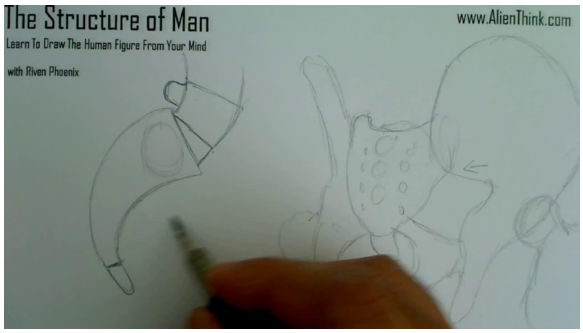
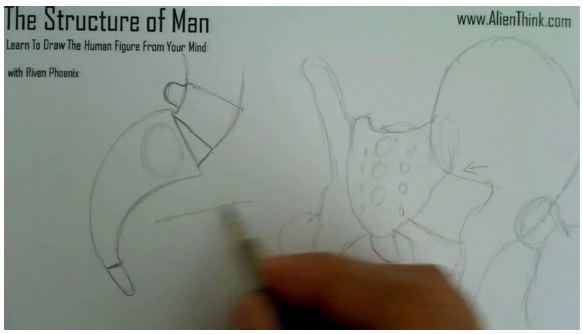
81		it's going to tell us it's going to be connecting over here.
82		So now to just understand this, let's say in a 3D idea, we can also look at it this way,
83		we could say that okay, well, let's see if I'm looking
84		from a top-down view in this 3D idea, let's say if I took a block of wood, here I could

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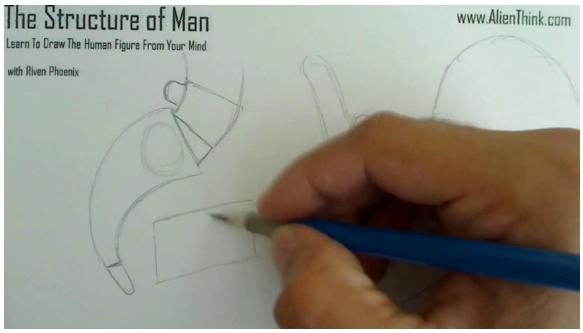
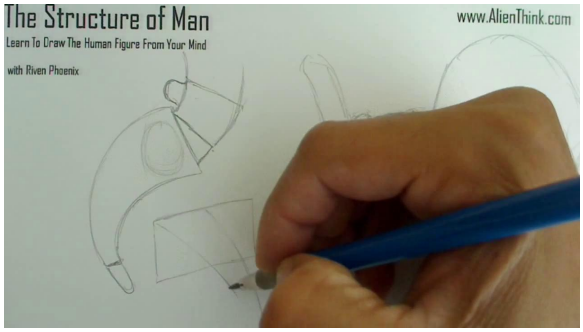
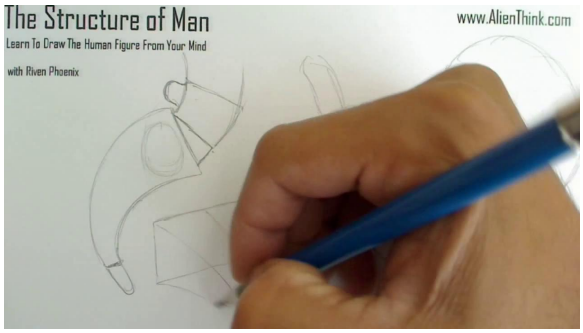
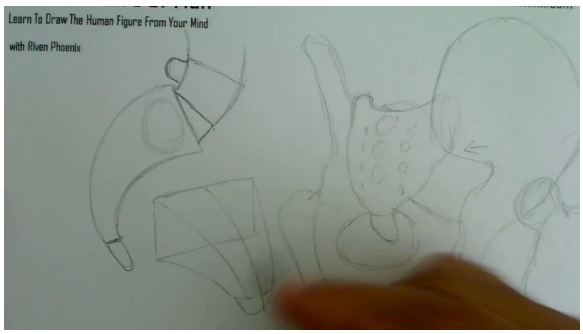
85		just imagine this that it goes into a curve over here like this and then this is just
86		going to come over here like this and this is going to come over here like this, right?
87		So it's a very basic idea and then of course you will get your bone over here, right?
88		You will get this bone structure again going in this direction.

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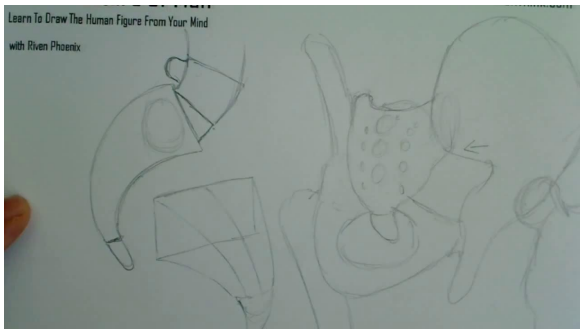
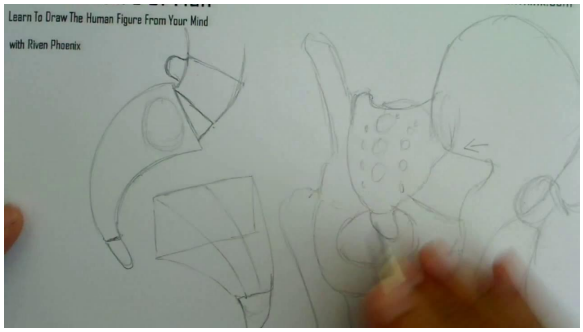
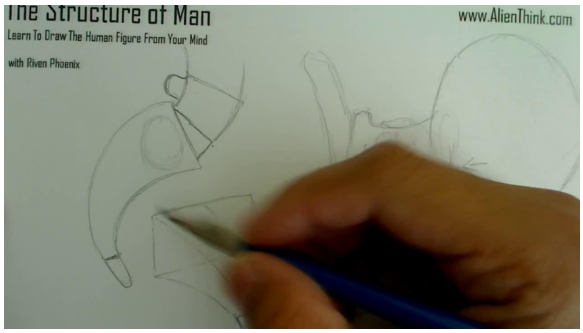
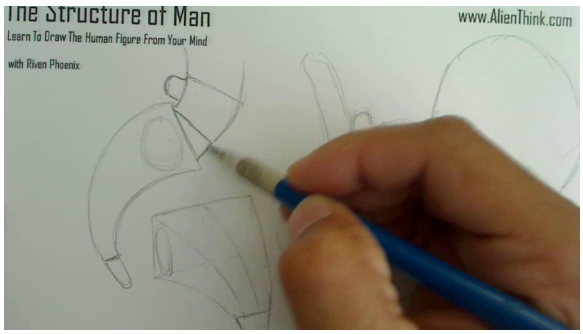
89		So you're just going to clean that area up so you can see you're going to get that bone, right?
90		So this is the most basic idea in 3D that we need to know about it, right?
91		So you're getting this circular idea would be on both sides and then you're going to get
92		this on the other side, like so if I had drawn it on the other side, it would be just like this

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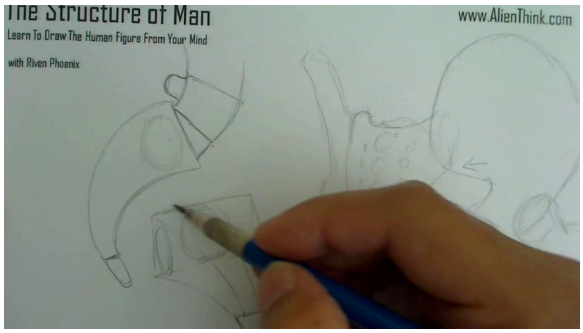
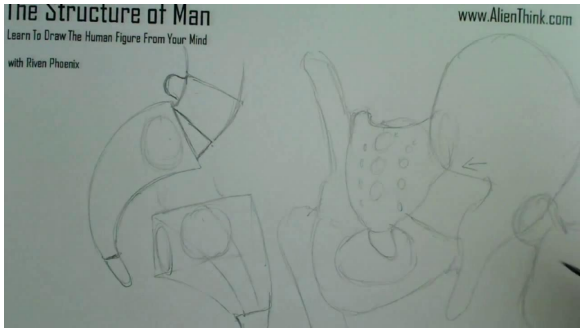
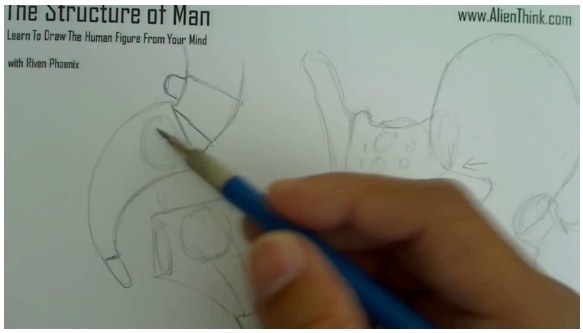
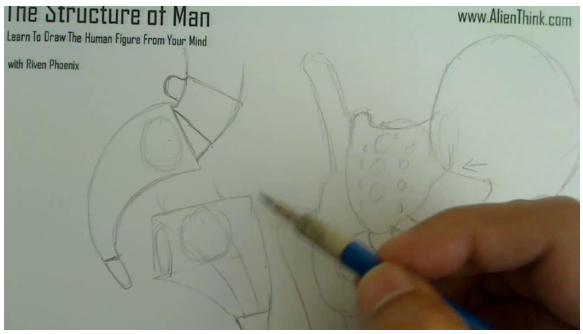
93		and then of course you will get your spine connecting to it.
94		Okay, so one other item that we will say here, since we'll understand when we put it down,
95		we'll understand what the size of this is going to be, but just the width of this is going
96		to be basically the width of one head, right?

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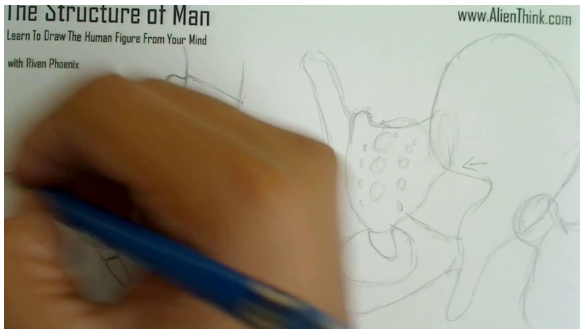
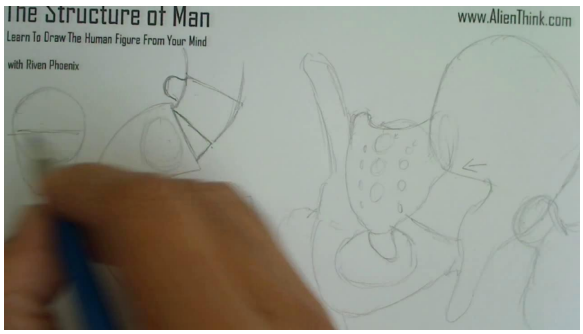
97		So let's say if I, let me see here, so if I drew out just the basic idea of the human head,
98		we know we can just do a circle like this, right, divide this over here and here we're just going
99		to get just the basic forms of the human head. The width of this is basically going to be here,
100		right? So I'm not looking at the length, I just want you to be aware of its width.

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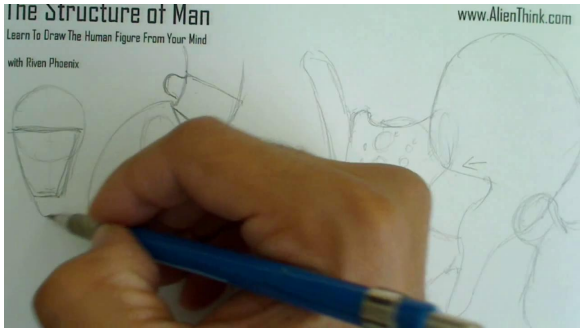
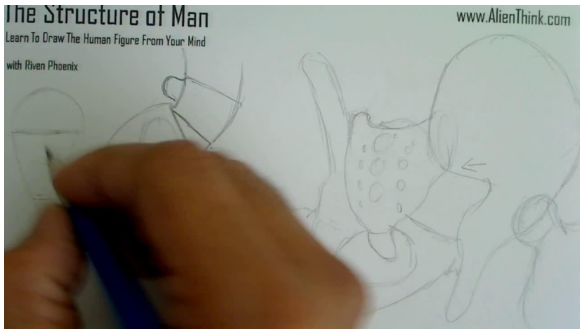
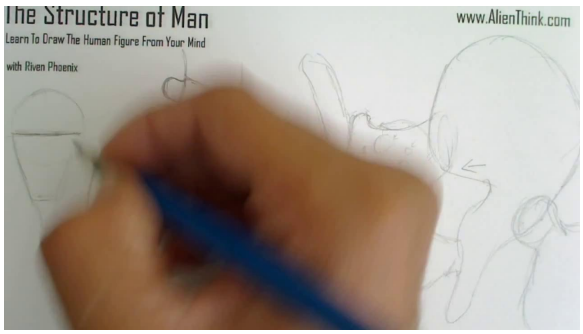
101		So from it's just going to be looking like this, right? Just imagine it to be here,
102		then you're going to get that piece of bone just like this, right? So here once we get the concept
103		down, here you'll see that what I do is when I when I draw it out, sometimes when I'm explaining
104		it, then I erase it because it's just getting you getting the mind used to the idea of

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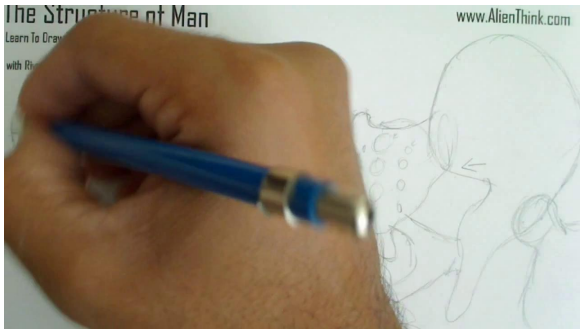
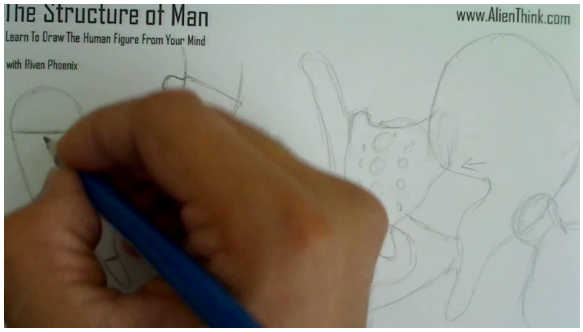
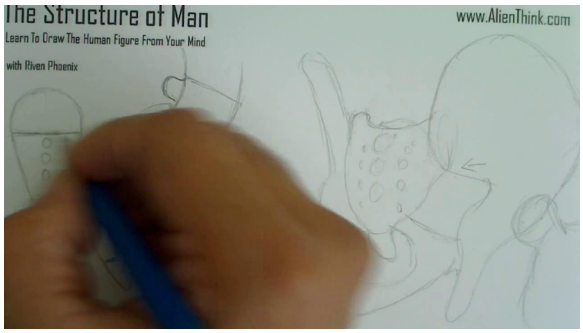
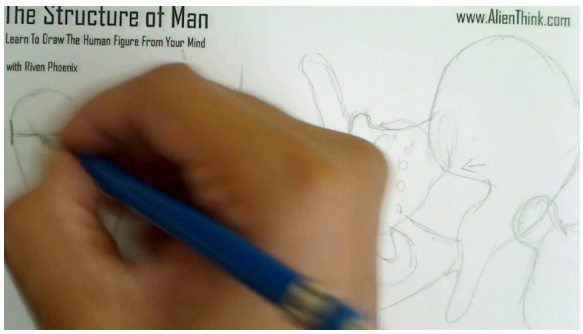
105		this drawing process that we always want to be aware of, right? So this here, these
106		bumps would be like here, right? So again, I didn't show you the length, I'm just showing you
107		that this is the width and this was the head, right? So just should be aware of this, right?
108		And the drawing processes, right? You can see that even if, right, just at this state, if we wanted

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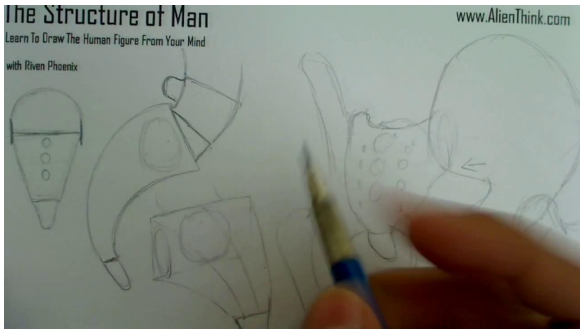
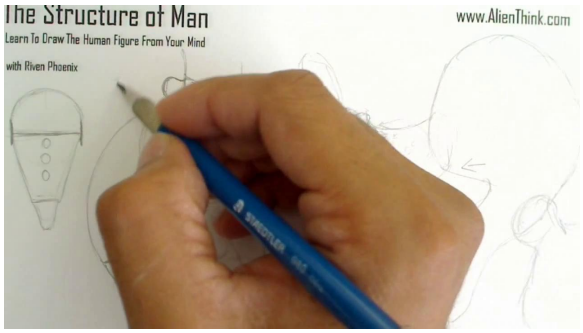
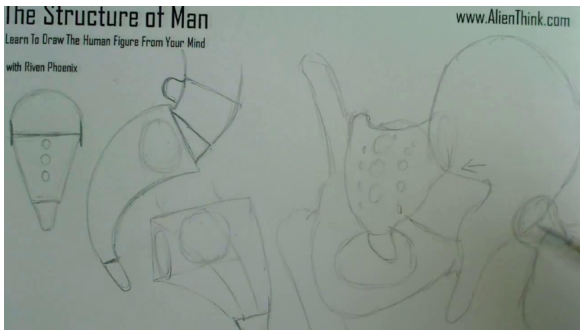
109		to digress a little bit, you can see that there are two types of drawing processes. One is that you
110		can just draw out simple shapes just with these sketchy lines and you can also do it in those two
111		processes where you sketch it out really quick and then you come back and clean it up. Okay, so now
112		that we have this information, we're going to now look at this again. So now we want to understand

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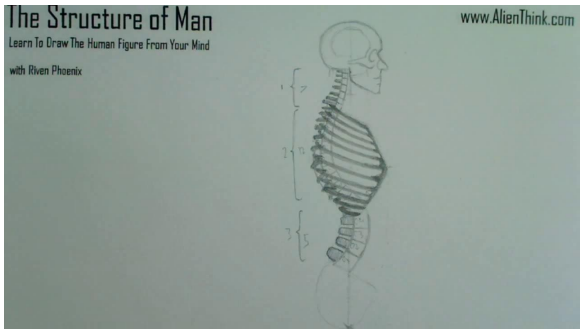
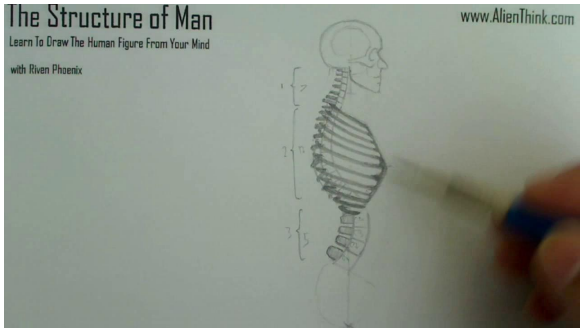
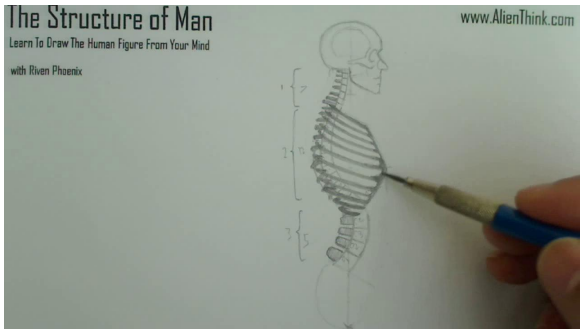
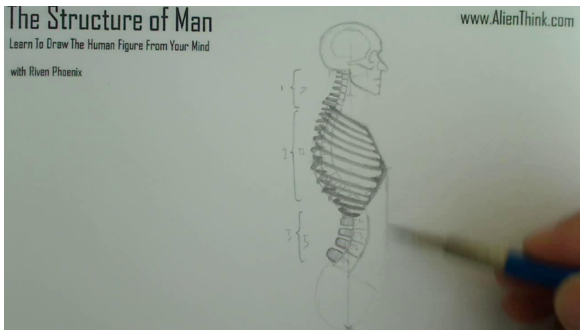
113		okay, well how do we latch the sacrum onto this structure over here? So it's going to be basically
114		from here, if you take a look at the original lines that we had done. So if I go down, I'm just
115		going to draw these lines out. You don't have, in the future, we won't be drawing them, but let's
116		just go down the way we were. Okay, this is like a box area over here. I'm just going to look at the

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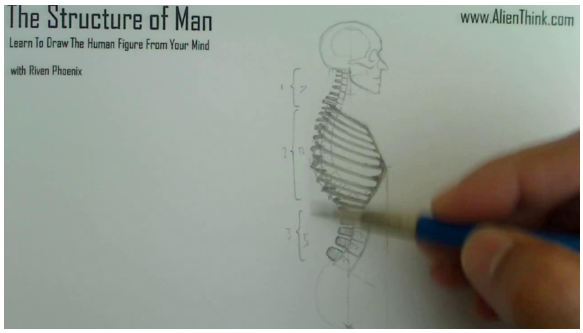
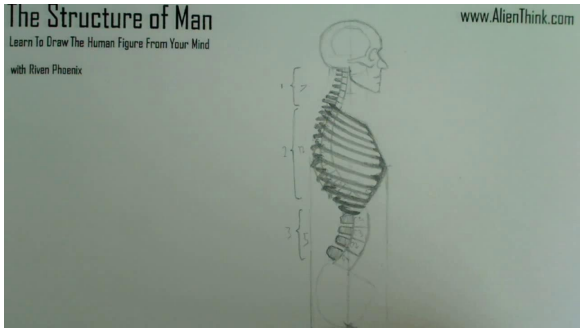
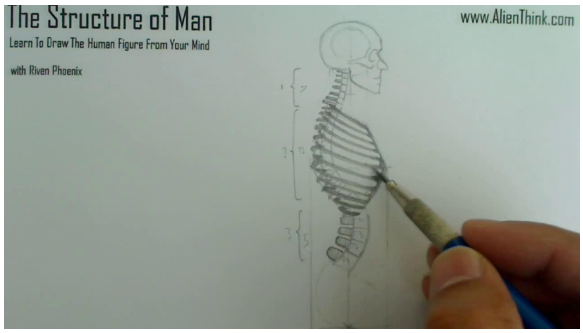
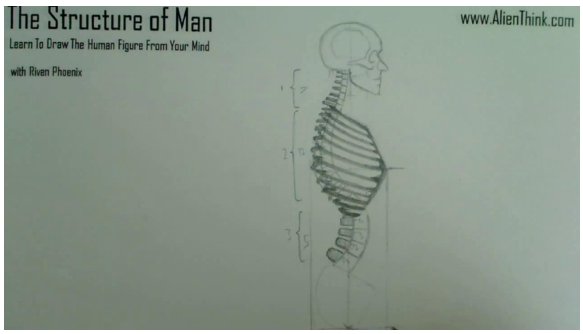
117		width of this over here and I'm going to come down over here like this, just make sure that it's
118		and this is the bottom of your pelvis area. So this line here is basically the line that we had
119		said that this is going to be the chest cavity. This is going to be the line for the chest cavity,
120		this is the line for the crotch. So over here you're going to get basically the line for the

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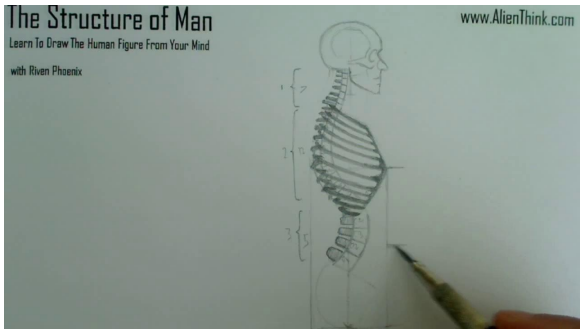
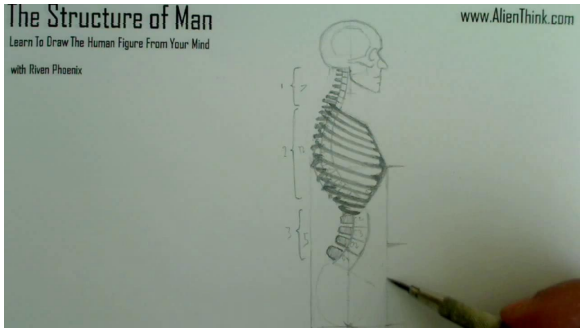
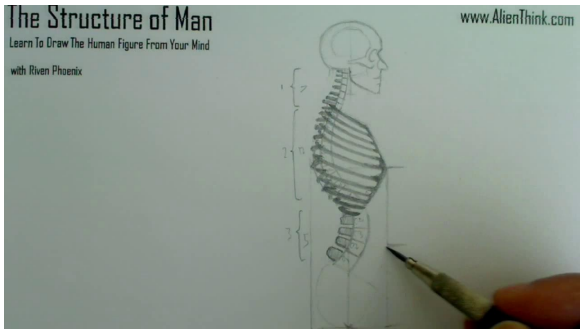
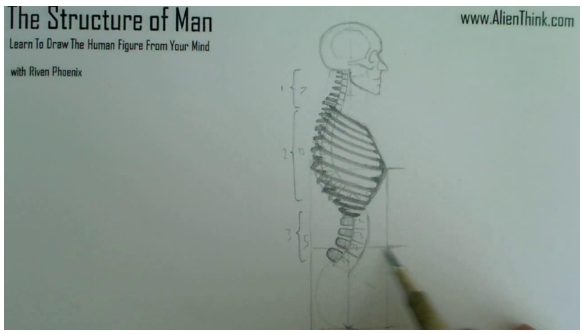
121		the navel. Right, so we said that in the original idea of the toolkit that really if you divide this
122		in three equal parts, you're going to get the pelvis area over here, right, where the love handles
123		are. So if I just draw out a line here, I'm just going to divide this over here.
124		Okay, so what happens is that when you have this over here, right, and if you draw out,

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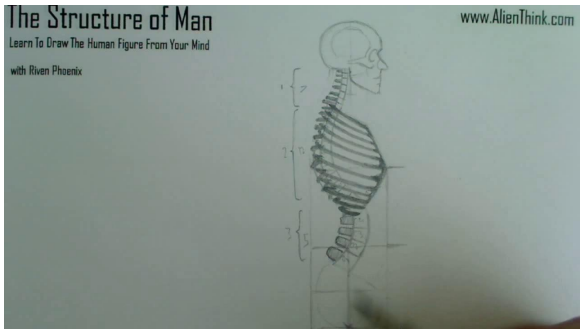
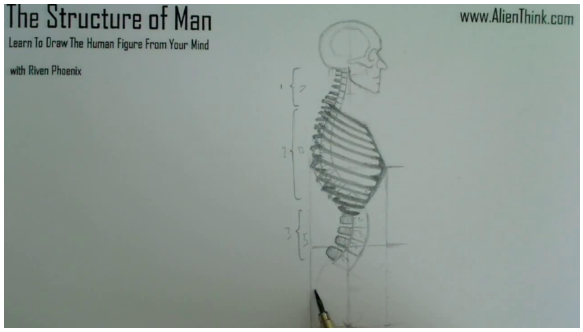
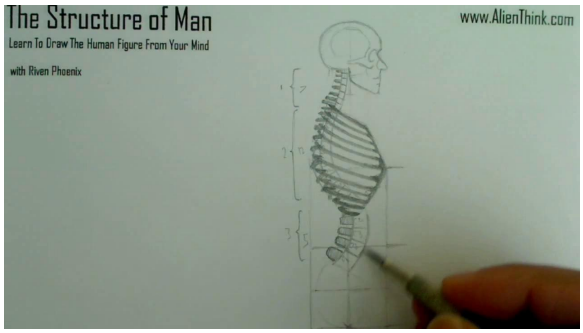
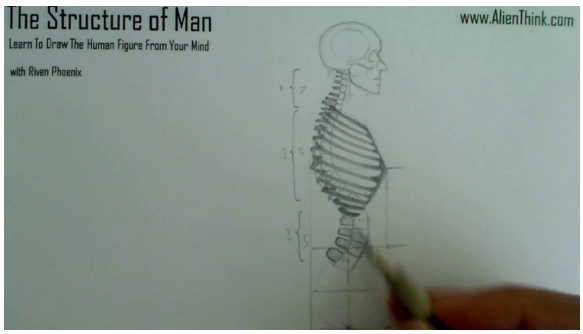
125		make this into, divide this again in this horizontal way over here,
126		make these into four coordinates. All we really need to understand is that look when the
127		spine, look at this area here, this gravity line that goes through the figure. This is,
128		no, again, this is only when the figure stand, right, the figure is going to be very dynamic

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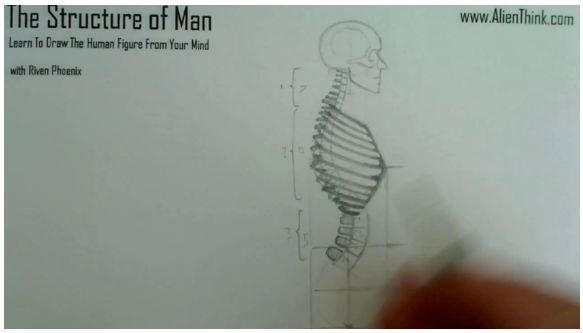
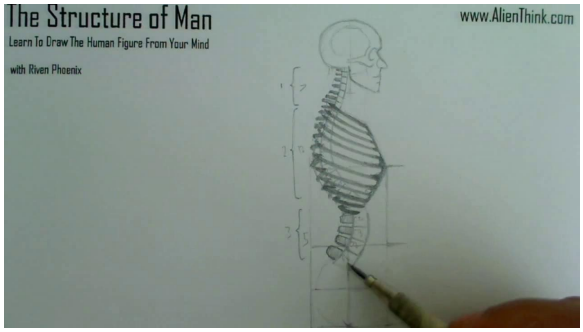
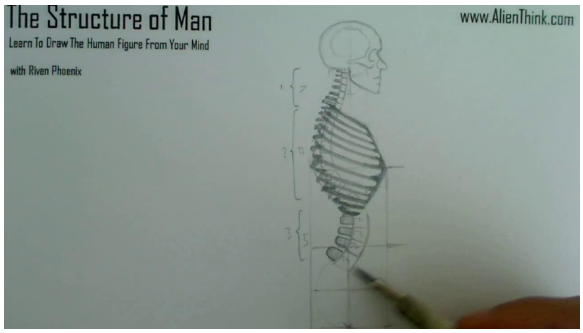
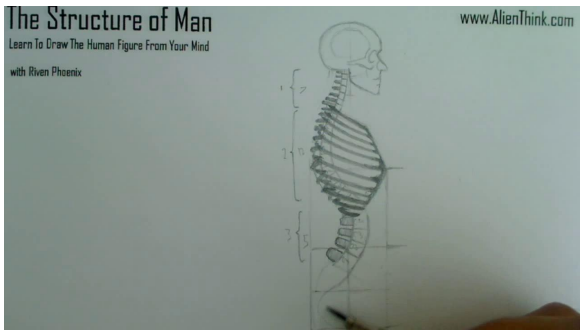
129		when we're drawing it in different ways and especially when we're drawing in forms that none of
130		this really is going to matter that much, just to understand when you're drawing it from the side
131		in this concept that this line here is basically just going to go like this and it's going to
132		define the sacrum like this and the sacrum would end just a little above this. Right, so to understand

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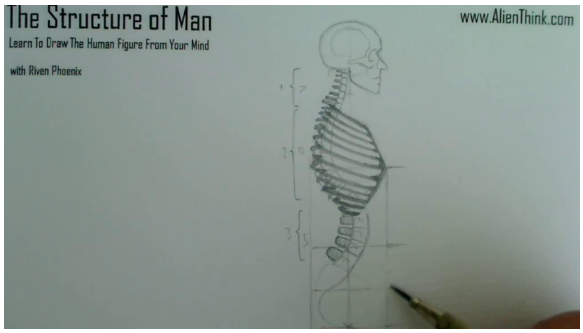
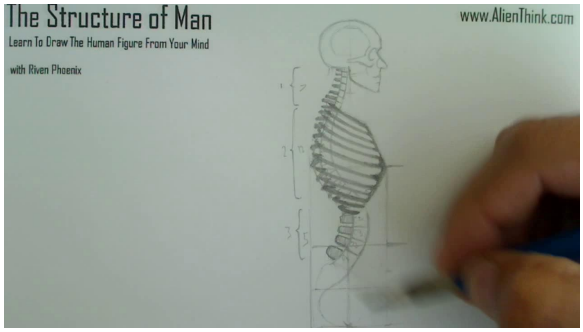
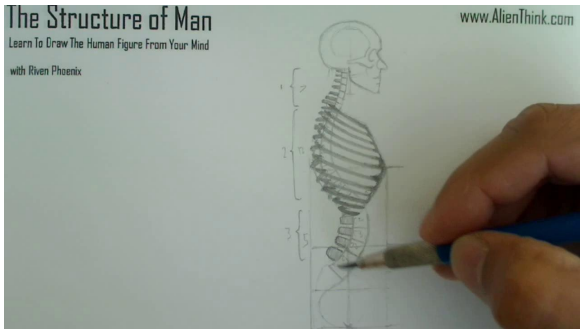
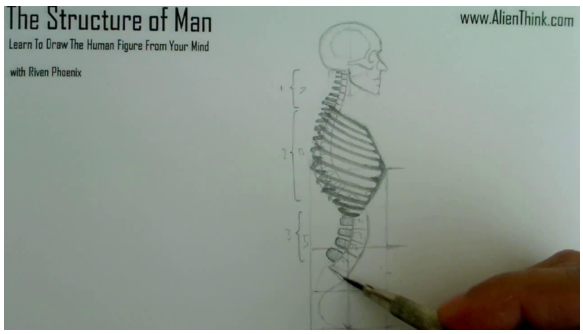
133		this, where this line is, right, we're just going to state that this line, if you take a line
134		through here, you're just going to get the beginning of the sacrum over here and over here,
135		this is the spine and you're going to get that little piece of bone that's going to help elevate
136		the spine to this angle just like this. Okay, so this sacrum is just basically going to go like this

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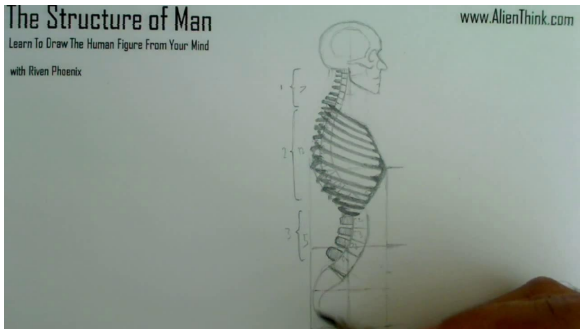
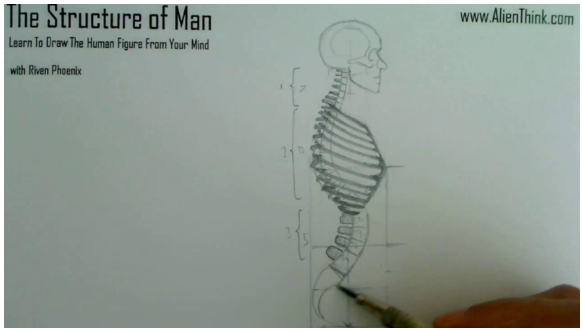
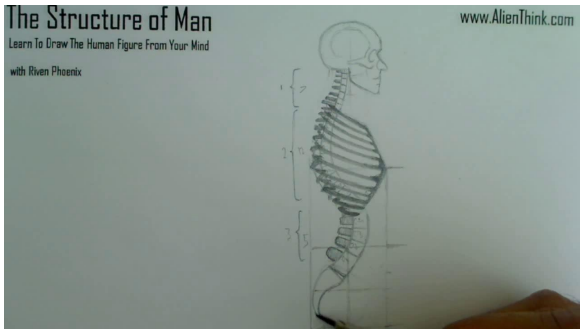
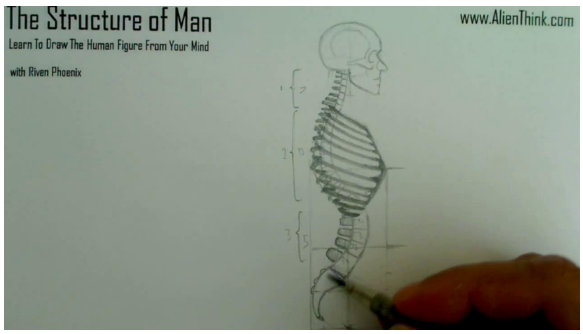
137		and it's going to go just like this, right, so it's going to end little above this.
138		Just, right, there's really nothing more to this. Now, remember, there's a little piece of bone over
139		here, right, and that's it. So here we could now just put one, two, and three pieces of bones over
140		here and you don't really have to draw the circle here. For now, we'll just add it because we're

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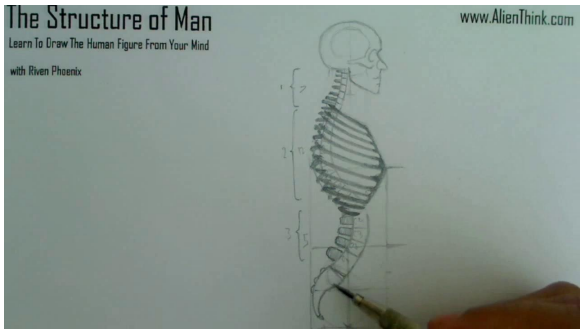
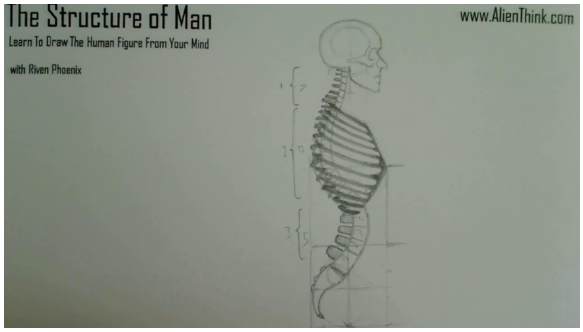
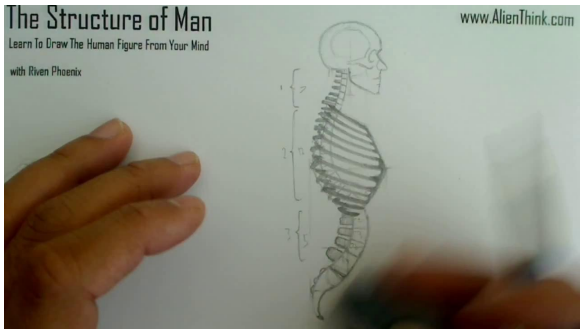
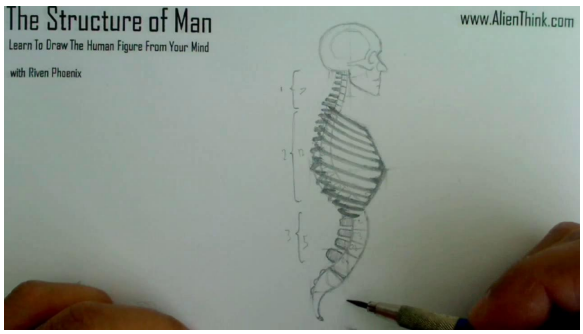
141		going to move on into the area for the pelvis. Okay, so that's really the basic understanding of this.
142		So now we can just erase these lines that we put just to make sure we get this concept.
143		Right, so even if you drew it freehand, we would know, okay, I get it. It's really this gravity line
144		here, right, as long as I know this and I know where the naval is when I divide it here, I know that

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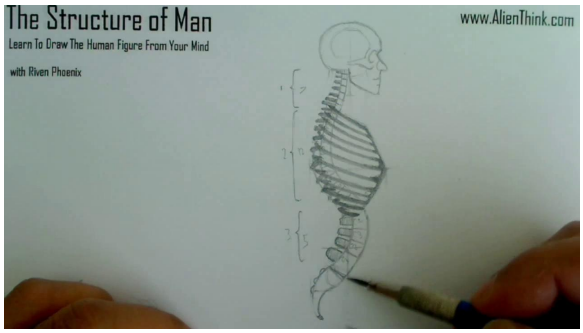
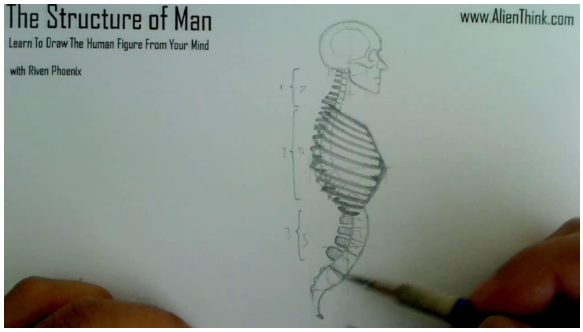
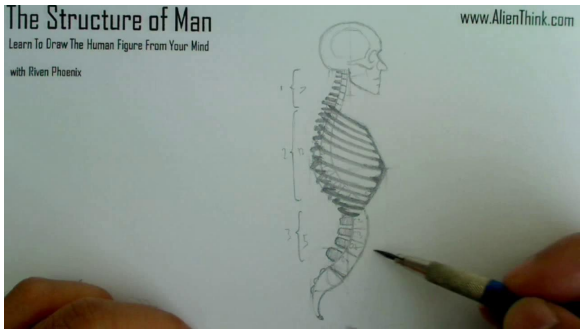
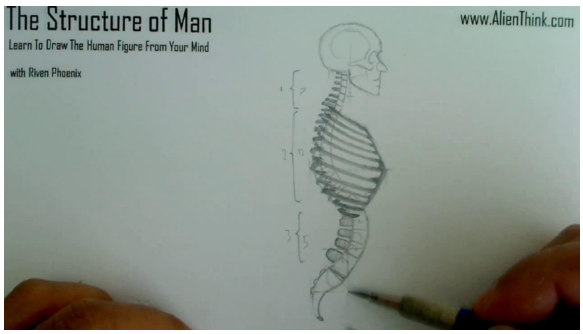
145		I'm just going to come here. It's really this key here and it's just drawing it out and it's
146		right. So you're not going to draw the sacrum over here. This is why this is important to understand.
147		Look, this is where the naval is. This is where the bottom is. From here to here, if I divide this
148		and have going here, I know that from this ratio here that is just going to be this line over here,

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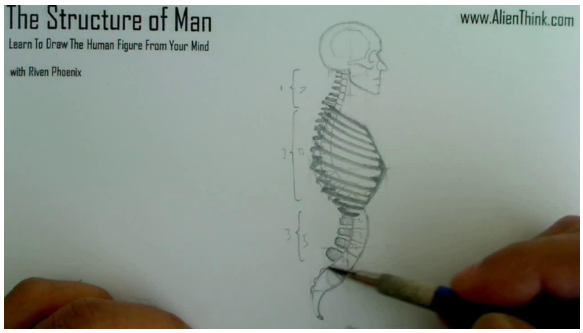
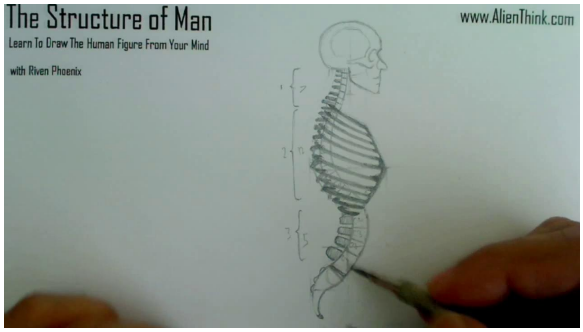
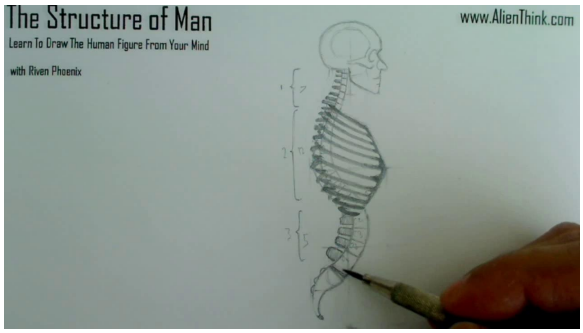
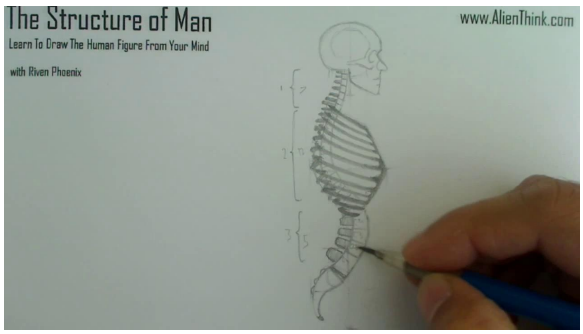
149		they will allow you to put it and I'll start to get my spine, right. So what this means is that now
150		in the next lesson, when we draw out this thing again, right, just to confirm what we've gotten,
151		it will change. Basically, you just need to adjust this much more later on, right. So we would
152		divide it again in four parts, but we will divide it a little differently because we elongated

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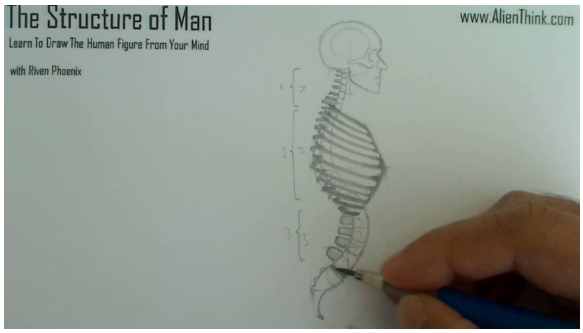
153		the spine over here, just like that. Okay, so I'll see you in the next lesson. Thanks.

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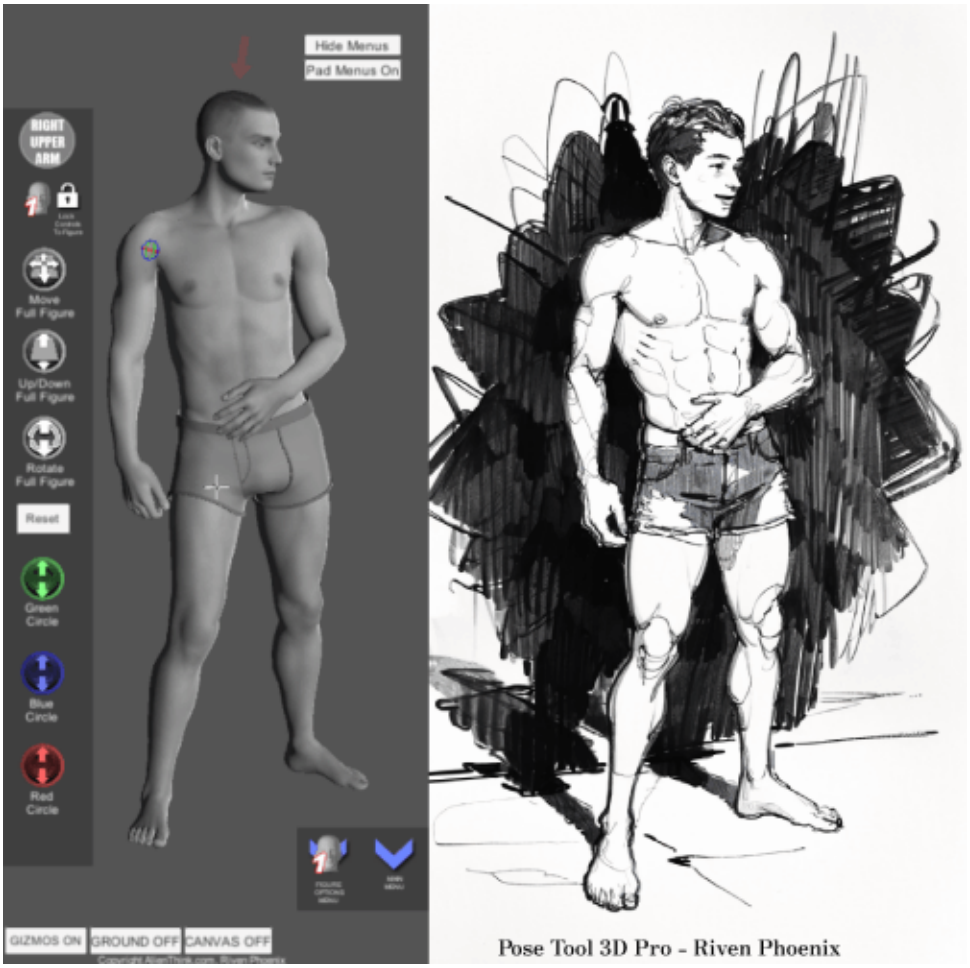

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